



Delivering Science-Based Information to Decision-makers



2004 Science Forum
June 1, 2004
Washington, DC





Environment
Interactive Mappers
Metropolitan Areas
Chicago-St. Paul
Raleigh-Durham
Questions
Links

The Urban Environment

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As our cities grow and change, the ways they are developed have an impact on environmental quality and our quality of life. By understanding the impacts of development and by planning our cities accordingly, we can work to shorten commuting times, preserve open spaces and vistas, and ensure clean air and water. To achieve these goals, many communities are looking for ways to grow while protecting their economy, community, and environment.

EPA is using satellite imagery and map data for select metropolitan areas to determine spatial patterns, rates, trends, and impacts of urban growth over the 1970-2000 time-period. A major aim of this project is to determine and track relationships between land use/cover changes and environmental quality parameters. This site will allow you to view maps, animations, and urban environmental indicators showing [development trends](#) for select metropolitan areas across the U.S.

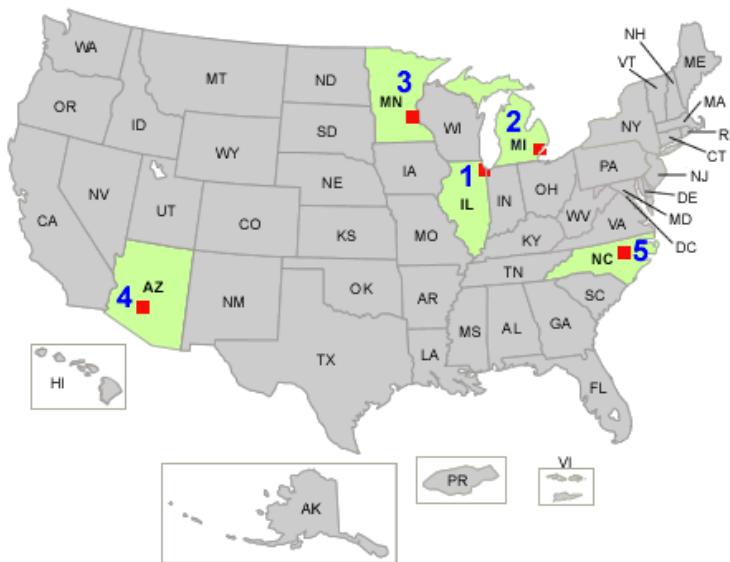


Please select an area of interest from the list or map below:

- [Interactive Mappers](#) – Add or remove geographic map layers with easy-to-use mapping tools.
 - [Metro Area Mappers](#) – View metropolitan land cover and land use data over a period of decades.
 - [Statewide Mappers](#) – Metropolitan area data provided within the wider context of the state.
- [Animations](#) – View animated maps of urban development for each metropolitan area.
- [Indicators](#) – View statistics and environmental trends for each metropolitan area.

Macromedia Flash Player and Adobe Acrobat Reader are required to view certain files on the site. Download a free copy of each: [EXIT disclaimer](#)
▪ [Macromedia Flash Player](#)
▪ [Adobe Acrobat](#)

[1-Chicago, IL](#) || [2-Detroit, MI](#) || [3-Minneapolis-St. Paul, MN](#) || [4-Phoenix, AZ](#) || [5-Raleigh-Durham, NC](#)

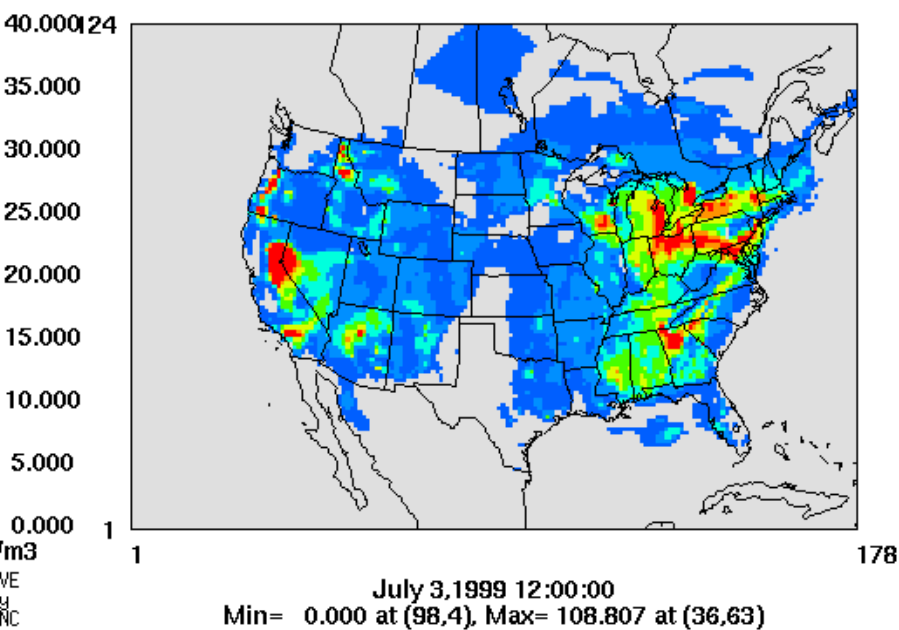


The Environmental Science Portal

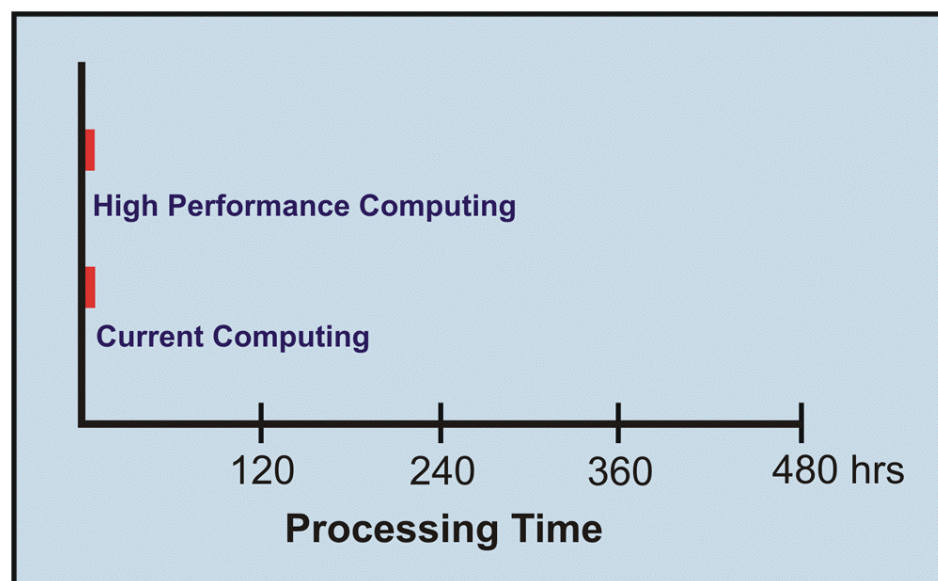


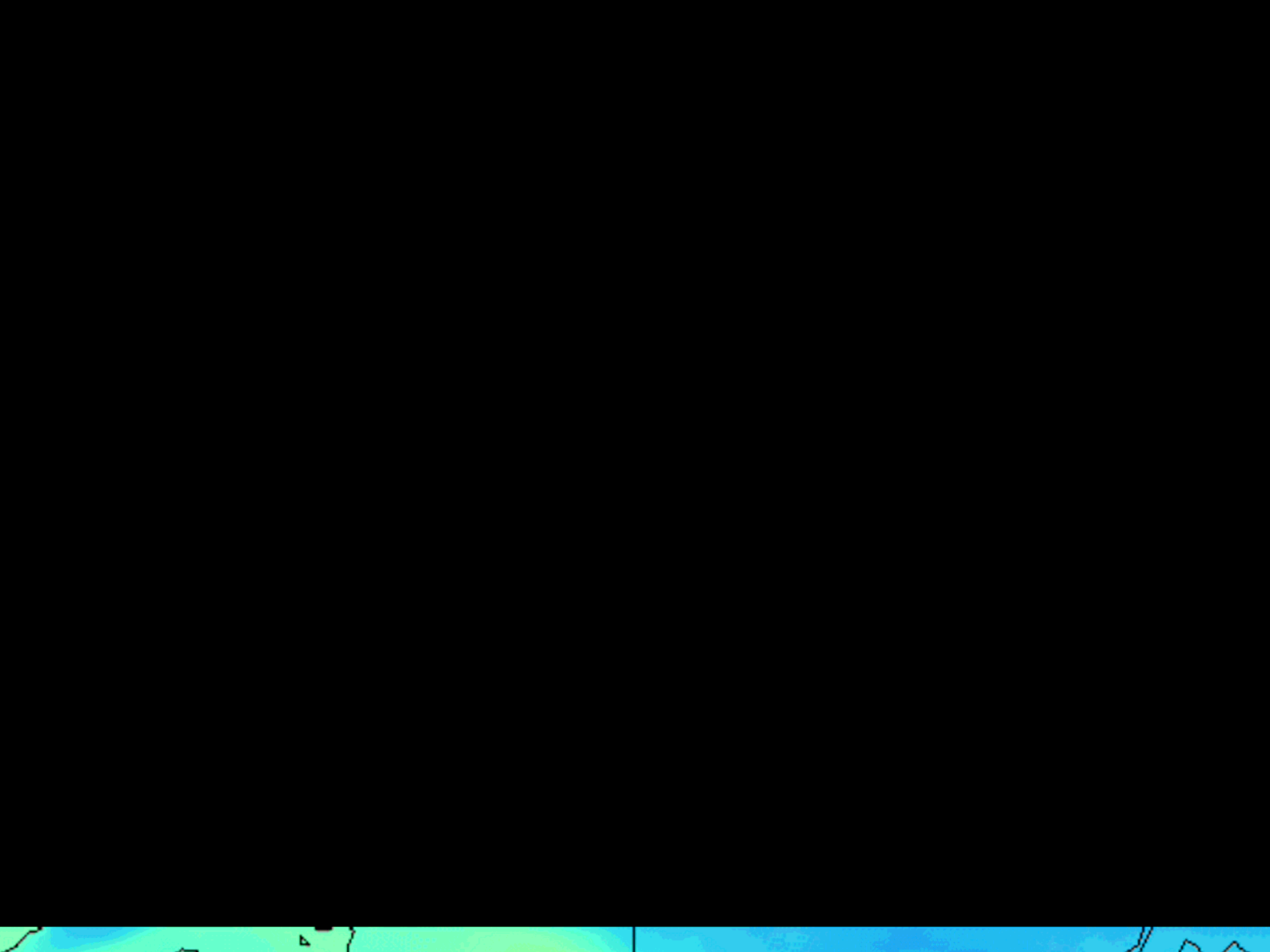
High Performance Computing

Layer 1 PM2.5



CMAQ Model Run Time





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Healthy Communities and Ecosystems



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